AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Previously Presented) A receiver optical sub assembly, comprising:

a multi-mode optical fiber stub; and

a lens system oriented with respect to the multi-mode optical fiber stub to focus an optical beam exiting the multi-mode optical fiber stub onto an active area of an optical detector,

wherein the multi-mode fiber stub includes an exit surface, the exit surface being polished at an angle with respect to an optical axis of the multi-mode fiber stub,

wherein the optical detector is offset from the optical axis of the multi-mode optical fiber.

- 2. (Original) The assembly of claim 1, wherein the multi-mode optical fiber stub is mounted in a stub holder, the stub holder being positioned in a receptacle.
- 3. (Original) The assembly of claim 2, further including a split sleeve positioned over a portion of the multi-mode optical fiber stub, the split sleeve being capable of positioning a single-mode optical fiber to optically couple with the multi-mode optical fiber stub.
- 4. (Original) The assembly of claim 1, wherein the lens system is mounted on a lens cap, the lens cap being mounted on a TO header so that the beam is focused on an active area of a detector mounted on the TO header.
 - 5. (Original) The assembly of claim 1, wherein the lens system is a ball lens.
- 6. (Original) The assembly of claim 1, wherein the optical detector is an avalanche photo diode.
 - 7. (Cancelled)

- 8. (Original) The assembly of claim 1, wherein the angle is about 8 degrees.
- 9. (Cancelled)
- 10. (Previously Presented) A method of receiving light in a receiver optical sub assembly, comprising:

coupling a light beam from a single-mode optical fiber into a multi-mode fiber stub via a sleeve, wherein the sleeve aligns the single-mode optical fiber and the-multi-mode fiber stub; and

focusing the light beam onto an active area of an optical detector.

- 11. (Original) The method of claim 10, further including

 providing an angled exit surface on the multi-mode fiber stub; and

 positioning the active area of the optical detector to compensate for the angled exit surface.
- 12. (Previously Presented) A receiver optical sub assembly, comprising:

 a sleeve for coupling an optical fiber and a multi-mode fiber stub; wherein the sleeve aligns the optical fiber and the multi-mode fiber stub;
 - means for receiving a light beam into the multi-mode fiber stub; and means for focusing the light beam onto an active area of an optical detector.
- 13. (Original) The receiver of claim 12, further comprising: means for increasing the return loss characteristics of the receiver optical sub assembly.
 - 14. (Original) A method of assembling a receiver optical sub assembly, comprising:

 press fitting a multi-mode fiber stub into a stub holder;

 positioning a split sleeve over a portion of the multi-mode fiber stub;

press fitting the stub holder into a receptacle; positioning a lens system in a lens cap;

positioning a detector onto a header;

mounting the lens cap to the header so that light received by the lens system is focused onto an active area of the detector;

actively aligning the active area of the detector with respect to the multi-mode fiber stub; and

positionally fixing the active area of the detector with respect to the multi-mode fiber stub.

- 15. (Original) The method of claim 14, wherein positionally fixing the active area includes epoxying the header to the receptacle.
 - 16. (Cancelled)
 - 17. (Previously Presented) A receiver optical sub assembly, comprising: a multi-mode optical fiber stub;

a lens system oriented with respect to the multi-mode optical fiber stub to focus an optical beam exiting the multi-mode optical fiber stub onto an active area of an optical detector, wherein the multi-mode optical fiber stub is mounted in a stub holder, the stub holder being positioned in a receptacle; and

a split sleeve positioned over a portion of the multi-mode optical fiber stub, the split sleeve being capable of positioning a single-mode optical fiber to optically couple with the multi-mode optical fiber stub.

18. (New) A receiver optical sub assembly, comprising:

a multi-mode optical fiber stub; and

a lens system oriented with respect to the multi-mode optical fiber stub to focus an optical beam exiting the multi-mode optical fiber stub onto an active area of an optical detector,

wherein the optical detector is offset from the optical axis of the multi-mode optical fiber.